

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the **PATENT APPLICATION** of:

Pan et al

**Application No.:** 10/618,227

**Confirmation No.:** 4405

**Filed:** July 11, 2003

**For:** CHANNEL ESTIMATION METHOD  
AND APPARATUS USING FAST FOURIER  
TRANSFORMS

**Group:** 2611

**Examiner:** Sudhanshu C. Pathak

Our File: I-2-0456.1US

Date: June 12, 2009

**REPLY PURSUANT TO 37 C.F.R. §1.111**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Reply is being timely filed in response to the Office Action dated April 7, 2009.

Please amend the application without prejudice or disclaimer as follows: